AUTHOR INDEX, VOLUME 14

Abas, A., 109
Achiron, R., 291, 523, 888
Adachi, R., 479
Adinolfi, M., 231
Adra, A. M., 865
Agosti, S., 267
Agrawal, Y. P., 1141
Ainbender, E., 599
Akiyama, M., 443
Alembik, Y., 781
Ali, Z., 751
Allen, N. B., 873
Alonso, M. L., 933
Alper, C. M., 623
Altman, G. C., 1090
Alvarez, M., 599
Amit, A., 291
Amoashyi, D. M., 513
Andreeva, T., 513
Angius, A., 999
Annerén, G., 1019
Anteby, E., 640
Appelman, Z., 307
Ariel, I., 640
Aseev, M., 513
Assoc. of Clinical Cytogeneticists Working Party, 363
Aula, P., 157
Aurran, Y., 859
Avigad, I., 888
Aymé, S., 859
Aziz, N. BT. ADB., 1077

Baboev, K., 513
Bachelard, B., 191
Bagna, R., 71
Bahado-Singh, R., 981
Bakker, E., 51
Bald, R., 821
Bang, J., 149
Bank, A., 851
Bankier, A., 689
Baranov, V. S., 513
Barber, J. C. K., 323
Bargy, F., 973
Barkai, G., 793
Barrett, I., 1191
Barron, L., 615
Bartels, I., 227, 569
Beck, B., 559
Beck, M., 777
Beekhuis, J. R., 199
Beinder, E., 113
Bell, J. E., 615
Bellinger, J. L., 868
Bellucci, E., 406
Benacerraf, B. R., 941
Bennett, P., 751
Benson, P. F., 1
Benzie, R. J., 235
Bercau, G., 23
Berge, L. N., 149
Berkowitz, G., 589
Berkowitz, R., 141
Bernaschek, G., 807, 821
Bernheim, A., 23
Biagiotti, R., 429
Bialer, M. G., 74, 933
Bialer, M., 892
Bilancioni, E., 803
Bink-Boelkens, M. Th. E., 1003
Black. S. H., 577
Blank, C., 725
Blennow, E., 1019
Blickstein, I., 307
Blondheim, O., 1170
Blot, P., 79
Blumenfeld, Z., 291
Bogart, M. H., 527
Bohlander, S. K., 583
Bollmann, R., 821
Bombard, A. T., 209, 1155
Bonacchi, I., 1043
Bongain, A., 414
Bonnefont, J.-P., 29, 577
Bonthron, D. T., 415, 469
Borrell, A., 669
Bosco, P., 959
Bottani, A., 1099
Boué, A., 97, 633, 973
Boué, C., 633
Bougatef, A., 762
Boulot, P., 191
Bovicelli, L., 72, 267, 1097
Bower, S., 751
Bowie, J. D., 873
Boyd, P. A., 61
Brambati, B., 899, 1043
Brancart, F., 1055
Brandenburg, H., 243
Brehm, W., 209
Brierley, K., 868
Bright, N. L., 609
Brizzi, L., 310
Brock, D. J. H., 415, 1158, 1243
Brocks, V., 559
Bronshtein, M., 291
Brookfield, D. S. K., 177
Brown, G. K., 435
Brown, K. H., 163
Brown, R. E., 884
Brown, R. M., 435
Brown, W. T., 933
Brun, J. L., 69
Brunelle, F., 1151
Bryndorf, T., 87, 1203
Buchanan, P. D., 97
Bui, N., 87
Bui, T.-H., 1019
Bunduki, V., 141
Bunge, S., 777
Büsch, J., 1129
Bussières, L., 633

Cacheux, V., 79
Caesar, J., 227
Calabrese, G., 1174
Calhoun, B. C., 209
Canick, J. A., 947
Cao, A., 799, 999
Capece, G., 502
Capon, F., 459
Carcioppolo, O., 803
Carey, W. F., 813
Cariati, E., 267, 310, 429
Carlson, D., 257
Carlsson, B., 475
Carmi, R., 996
Carpenter, K. H., 475
Carpenter, N. J., 97
Carr, C., 391
Carter, N. P., 1061
Caspari, D., 569
Caspi, B., 307
Catanzarite, V. A., 163
Ceratto, N., 959
Chabal, F., 859
Chadefaux, B., 29
Chadefaux-Vekemans, B., 417
Chamberlain, P., 61
Chan, K. H., 623
Chan, Y.-F., 653
Chard, T., 203, 751, 899, 953
Charles, W. C., 921
Chen, C.-D., 993
Chen, T., 851
Chenevey, P., 623
Cheng, R., 835
Cheung, S. W., 1009
Chia, J. N., 1077
Chin, T. M., 1077
Chodirker, B. N., 1086
Christensen, B., 87, 1203
Christensen, E., 333
Christiaens, G. C. M. L., 51, 553
Chudley, A. E., 1086
Chui, D. K., 929
Clarke, L. A., 787
Claussen, U., 113
Clayton-Smith, J., 381
Cleaver, J. E., 921
Cohen, B. L., 1155
Cohen, H. L., 406
Cohen, H., 279
Cohen, M. M., 595
Cohen-Overbeek, T. E., 565
Coleman, D. V., 109
Coll, O., 669
Collazo, T., 659
Collishaw, S., 835
Colloridi, V., 299
Comas, C., 669
Compton, M. E., 1158
Copel, J. A., 981
Cornel, M. C., 337
Corral, J., 219
Coulson, C. C., 1090
Craft, D. A., 577
Crandall, B. F., 913
Cuckle, H. S., 387, 953
Cuckle, H., 321, 543, 603
Cutillo, D. M., 327

D'Alessio, P., 803
Dadoune, J. P., 1097
Daffos, F., 907, 1151
Dallapiccola, B., 285, 459, 1096
Dalpra, L., 267
Dampier, C. D., 721
Dang, T.-T., 907
Darby, B., 989
Davies, N. P., 475
Davies, T., 1071
Davison, E. V., 345
Dawson, J. M., 1163
Dawson, L. E., 868
De Catte, L., 762
De Courcy-Wheeler, R. H. B., 1101
De Die-Smulders, C. E. M., 181
De Paepe, A., 649
De Schepper, J., 762
De Veciana, M., 487
De Virgiliis, S., 999
De Vogelaere, CH., 187
De Wolf, B. T. H. M., 199
De Wolf, D., 762
Deiana, M., 999
Delezoide, A. L., 1151
Delhanty, J. D. A., 1217
Della Monica, M., 502
Delvalez-Morichon, C., 973
Den Hollander, N. S., 187
Denamur, E., 1176
Densem, J. W., 319, 707, 717, 835

Densem, J., 603
Dessi, V., 999
Deutinger, J., 821
Deutz-Terlouw, P. P., 51
Di Meglio, A., 69
Di Meglio, G., 69
Dianzani, I., 959
DiRocco, M., 577
Divane, A., 1049, 1061
Divry, P., 417
Dommergues, M., 141, 973
Donnai, D., 381
Donnenfeld, A. E., 73, 327, 721, 839, 1029
Donner, C., 1055
Dott, B., 781
Downes, F. P., 455
Driscoll, D. A., 1029
Druart, L., 79
Dudukina, T. V., 17
Dufourcq, R., 1176
Dumez, Y., 141, 973
Duncan, S. L. B., 475
Dungan, J. S., 609
Dupont, F., 191
Durrant, L. G., 131
Dutch Working Party on Prenatal Diagnosis, 963
Dutinger, J., 807

Economou, G., 177
Egginton, J. A., 177
Eiben, B., 497, 569
Eik-Nes, S. H., 149
Eisensmith, R. C., 1113
Eisensmith, R., 959
Elias, S., 223, 609, 1229
Elion, J., 1176
Eliyahu, S., 1170
Ellis, P. M., 469
Emanuel, B. S., 1029
Emerson, D. S., 223
Enders, H., 651
Eng, B., 929
Espinosa III, R., 583
Estivill, X., 123, 219
EUROCAT Working Group, 337
Evans, J. A., 1086, 1253

Fabris, C., 71
Fan, Y.-S., 463
Fantel, A., 739
Farrell, S. A., 463, 647
Fasolino, A., 502
Featherstone, T., 1009
Felker, R. E., 223
Fensom, A. H., 1
Ferguson-Smith, M. A., 391, 1049, 1061, 1181
Ferguson-Smith, M. E., 391, 1049
Fermont, L., 1151
Ferreira, R., 659
Ferrigno, V. B., 69
Figus, A. L., 999
Filmer, S., 757
Fischel-Ghodsian, N., 257
Fisher, R. A., 455
Fitzsimmons, J., 739
Flett, P., 403
Fogliani, R., 903
Forabosco, A., 267
Forestier, F., 907
Fortuny, A., 669
Foulon, W., 762
Fowler, S. E., 35
Fries, J., 845
Fryns, J.-P., 770
Fung, L. M., 627
Furness, M. E., 415

Gadow, E. C., 673
Gaiser, C., 87
Gal, A., 777
Galimberti, A., 903
Gallo, P., 299
Ganiats, T. G., 527
Garber, A., 257
Garcia, C., 673
Garver, K., 97
Gasser, B., 303
Gauthier, B., 70
Geilen, G. C., 17
Geneix, A., 303
Gennarelli, M., 459
Gentili, P., 803
Gerna, G., 903
Ghidini, A., 599
Ghosh, A., 627
Giancotti, A., 299
Gill, A., 813
Gill, P., 739
Gillet, J. Y., 414
Giorlandino, C., 803
Gispert, S., 659
Godmilow, L., 327
Goebel, R., 497
Goldman, B., 793
Goldsmith, C. L., 868
Goldstein, I., 757
Goltsov, A. A., 1113
Gomez, M., 659
Gonzales, M., 1151
Gonzalez-Gomez, F., 766
Goodburn, S. F., 391
Gornostaeva, N., 513
Gorsira, M. C. B., 173
Gosden, C. M., 469
Gould, S., 61
Graham, Jr, J. M., 257, 451
Granat, M., 145
Granda, H., 659
Griffiths, M. J., 1163
Grosheide, P. M., 553
Gross, S. J., 609
Gruber, A., 511
Grudzinskas, J. G., 203, 899, 1043
Grzybek, P. C., 47
Grzybek, P., 845
Guanciali-Franchi, P., 1174
Gubler, M.-C., 141
Guidal, C., 1176
Gupta, S., 493

Habbema, J. D. F., 243
Haddow, J. E., 65, 898
Hage, M. L., 873
Hagemann, T., 493
Hagenaars, A. M., 565
Halliday, J., 689
Halverson, A. L., 527
Hamers, G. J. H., 181
Hamerton, J. L., 1253
Hammans, W., 497
Hammond, E. A., 327
Hansen, S., 497
Hansmann, M., 821
Haring, P., 1074
Harman, C. R., 1086
Harper, R., 892
Harrison, K., 787
Haslam, J., 381
Hayashi, M., 1173
He, W., 17
Hecht, C. A., 729
Hecht, J. T., 167
Hecker, J., 845
Heijtink, R. A., 553
Heiman, Z., 523
Helfgott, A. W., 865
Helwick, J. J., 455
Henselder-Kimmel, M., 721
Heredero, L., 659
Heringa, M. P., 199
Heydanus, R., 105, 187, 1035
Hibbard, J. U., 1107
Hibbard, M. C., 1107
Hill, L. M., 47, 623, 845
Hogge, W. A., 725
Hohlfeld, P., 75, 907
Holding, S., 321, 387
Holmberg, E., 1019
Holmes, R. A., 131
Holtz, J., 1129
Holzgreve, W., 543, 821
Honkonen, E., 157
Hooge, J. S., 725
Hook, E. B., 729
Hopwood, J. J., 777
Horovitz, J., 69, 70, 897
Hotmar, J., 23
Howell, R. T., 1071
Hsieh, F.-J., 57, 993
Hsu, W.-T., 257
Huang, S.-F., 57
Huber, P., 1129
Hughes, J. L., 813
Hughes-Benzie, R. M., 313
Huijmans, J. G. M., 17
Hunter, A. G. W., 235, 868
Hwa, H.-L., 57

Iampieri, M. P., 285
Ibba, R. M., 799
Iida, T., 479
Iles, R. K., 953
Iles, R., 203
Imanaka, M., 1083
Indelicato, A., 959
Ishiko, A., 443
Issert, E., 191
Itoh, H., 1173
Itskowiz, I., 757
Ivaschenko, T., 513
Ives, N. K., 61
Ivey, B., 235

Jackson, J., 507
Jacobsen, J. R., 559
Jacquemard, F., 1151
Jahoda, M. G. J., 243
Jakobi, P., 757
Jarry, D., 191
Johnson, D. R., 455
Jones, M. C., 163
Jones, R., 387
Jørgensen, F. S., 149
Jorgenson, R. J., 989
Joyce, H., 507
Julian-Reynier, C., 859

Kallenberg, C. G. M., 1003
Kalousek, D. K., 1191
Kambich, M. P., 421
Kamoun, P., 417
Kan, A., 507
Kaplan, B., 511
Karhu, R., 644
Karikoski, R., 644
Karpova, E. A., 17
Kascheeva, T., 513
Katz, V. L., 1090
Kelson, T. L., 577
Kemp, J., 507
Kennard, A., 699
Kent Froberg, M., 884
Kershaw, A. J., 391
Kershner, M. A., 327
Kham, S. K. Y., 1077
Kigasawa, K., 213
Kikuchi, A., 443
King, J. C., 878
Kirkinen, P., 1074
Klee, G. G., 707
Kleijer, W. J., 17
Klein, J., 451
Klein-Vogler, U., 651
Kneppers, A. L. J., 51
Knight, G. J., 65, 947
Knowles, S., 403
Knowlton, R. G., 145
Knutel, T. A., 421

Ko, T.-M., 57
Kochen, J., 892
Kozma, C., 878
Kristoffersson, U., 1019
Kruyer, H., 123
Kuint, J., 888
Kulch, P., 913
Kuller, J. A., 1090
Kunaporn, S., 933
Kustermann, A., 903
Kuznetzova, T., 513
Kwan, S.-P., 493

Lakkala, T., 157
Lambert, I., 507
Lambert, J. C., 414
Landy, H. J., 865
Larsson, A., 475
Laulom, B., 70
Lauweryns, J. M., 770
Le Fichoux, Y., 414
Le Guern, E., 285
Lebedev, V., 513
Lecolier, B., 23
Lee, M.-L., 993
Lee, T.-Y., 57
Leipoldt, M., 651
LeMerrer, M., 141
Lencki, S., 878
Leung, M. P., 627
Lewin, F., 973
Licata, D., 71
Liesnard, C., 1055
Lilford, R., 650
Lin, G. J., 993
Lin, L. I., 1077
Linton, G., 650
Lipitz, S., 523, 793, 888
Lippold, S., 673
Lisi, E., 310
Liston, W. A., 1158
Liu, D. T. Y., 131
Liu, R., 873
Lo Cicero, S., 459
Lockwood, C. J., 599
Loi, A., 999
Lonardo, F., 502
Lorenz, P., 777
Los, F. J., 565
Loudianos, G., 999
Loy, G. L., 1107
Lukin, B., 327
Lumley, J., 689
Lusky, A., 793
Lynch, L., 589
Lyonnet, S., 417

Ma, H. K., 627
MacDonald, K. M., 1086
Mace, P. C., 223
MacGregor, S. N., 421
Macik, B. G., 873
MacIntosh, M. C. M., 203, 899
Macquart-Moulin, G., 859
Macri, J. N., 97, 1094
Magal, N., 307
Magariño, C., 659
Mahoney, M. J., 981
Major, C. A., 487
Makrydimas, G., 239
Malet, P., 303
Mandelbrot, L., 141
Maniatis, G. M., 1049
Mann, S., 507
Manni, M., 187
Manning, N. J., 475
Manning, N., 61
Manor, M., 307
Mantingh, A., 199
Maor, B., 757
Marcheschi, D. G., 873
Mariani, M., 310
Marquet, J., 29
Martano, C., 71
Martikainen, A., 1074
Martinez, G., 659
Martinez, J. M., 669
Marty, P., 414
Mascarello, J. T., 163
Mashiach, S., 523, 888
Mason, G., 650
Matilla, T., 219
Matsumoto, M., 1083
Maugey, B., 69
Maylock, J., 884
McCoy, M. C., 1090
McDowell, K. M., 131
McKenna, C., 933
McKinlay Gardner, R. J., 577
McNamara, H. M., 153
McNay, M., 313
Meck, J. M., 878
Medeira, A., 381
Mediano, C., 410
Meilof, J. F., 1003
Meizner, I., 996
Mejides, A. A., 865
Melchionda, S., 459
Mennie, M. E., 1158
Mennuti, M. T., 947
Mikhail, M. S., 1155
Mikhailov, A., 513
Miller, R. C., 1029
Miltenyi, St., 1129
Milton, P. J. D., 391
Mingarelli, R., 285, 1174
Miranda, M., 123, 219
Mirlesse, V., 1151
Miskin, M., 463
Moatti, J.-P., 859
Mobili, L., 803
Moerman, P., 770
Molina-Gomez, D., 1097
Mombro, M., 71
Monni, G., 799, 999
Moore, G., 751
Morotti, R., 981
Morrison, K., 219
Mostert, M., 71
Motos, M. A., 766
Msika, M., 191
Mueller, R., 650
Muhlbach, L. H., 421
Muller, F., 97, 203, 537, 633, 973
Murakami, K., 637
Murotsuki, J., 637
Murray, D. L., 455

Nahoul, K., 907
Nakagawa, S., 1155
Nannini, R., 310
Narcy, F., 141
Neiger, R., 13
Neilson, J. P., 469
Nelson, P. V., 813
Neri, G., 502
Nessmann, C., 79, 1097
Neuberger, S., 653
Nicolaides, K. H., 239, 543, 677, 1101, 1119
Nicolaides, K., 109
Nicolini, U., 903
Niermeijer, M., 243
Nihoul-Fekete, C., 973
Nishikawa, T., 443
Nitowsky, H. M., 1155
Nocera, G., 267
Nordenskjöld, M., 1019
Nørgaard-Pedersen, B., 35
Norman, A., 381
Notarangelo, A., 1096
Novelli, G., 285, 459
Noy, I., 291
Nyberg, R. H., 644

Ochs, H. D., 493
Oepkes, D., 173
Oeztas, S., 257
Ogita, S., 1083
Ohaly, M., 996
Okada, S., 479
Okamura, K., 637
Okamura, T., 213
Olivieri, N. F., 929
Olla, G., 799
Olpin, S. E., 475
Onwude, J. L., 153
Oosterwijk, J. C., 51
Osmers, R., 569
Oury, J. F., 79
Oury, J.-F., 633, 1176
Ovadia, Y., 511

Pääkkonen, L., 1074
Pachi, A., 299
Padilla, M. C., 766
Paik, M., 851
Palacio, M., 669
Palka, G., 1174
Palo, P., 157
Palomaki, G. E., 65, 898, 947
Papaian, L., 513
Parviainen, M. T., 1141
Pascaud, O., 1176
Pascoe-Mason, J., 739
Patrick, A., 313
Patterson, M. J., 455
Patterson, R., 989
Peakman, D., 1009
Pélissier, M.-C., 633
Penttilö, I. M., 1141
Pepkowitz, S., 257
Percivalle, E., 903
Pergament, E., 583
Periti, E., 429
Pescia, G., 75
Petrikovsky, B. M., 406
Petrikovsky, B., 892
Pflüger, E., 1129
Philip, J., 35, 87, 1203
Phillips, O. P., 609
Piiroinen, O., 157
Pilling, D., 663
Pinckert, T. L., 878
Pinhas-Hamiel, O., 523
Piomelli, S., 851
Pirastu, M., 999
Pittalis, M. C., 72, 267, 1097
Pizzuto, F., 299
Plachouras, N., 239
Plaja, A., 410
Platt, L. D., 451
Pletcher, B. A., 933
Poling, E., 884
Pollitt, R. J., 475
Ponzone, A., 959
Porteous, M. E. M., 469
Porto, M., 487
Poulos, A., 813
Prabhakar, G., 595
Prange, G., 569
Pratlong, F., 191
Prudent, L., 673
Puerto, B., 669
Pulkkinen, A., 947
Punzalan, C., 595

Quartero, H. W. P., 553, 565

Raab, G., 615
Raafat, N. A., 223
Rabier, D., 417
Rabinerson, D., 511
Radbruch, A., 1129
Raffel, L. J., 725
Raggatt, P. R., 391
Rahal, A., 414
Ramirez, M., 167
Rauskolb, R., 569
Ray, J. H., 933
Ray, P., 235
Rebello, M. T., 109
Reeser, S. L., 327, 1029

Reich, D., 1170
Reichman, B., 523, 793
Revello, M. G., 90
Riccio, A., 69
Ries, L., 793
Rizzo, N., 267
Rizzo, W. B., 577
Robertson, E. F., 813
Rodeck, C., 231
Rodesch, F., 1055
Roland, B., 589
Rolland, M. O., 417
Romano, V., 959
Roochvarg, L. B., 725
Rooney, D. E., 345
Rose, N. C., 947
Roth, M. P., 781
Roumen, F. J. M. E., 181
Roux, D., 69, 70
Runowicz, C. D., 1155
Ryynänen, M., 1074

Sabatel, R. M., 766
Salamanca, A., 766
Salgado, L. J., 673
Saller, Jr, D. N., 13
Salman, F. A., 865
Salonen, R., 537
Salvador, L., 235
Sancken, U., 227
Santarini, L., 72, 267, 1097
Sanz, M. M., 933
Sarda, P., 191
Sarret, E., 410
Sastrowijoto, S. H., 770
Satge, D., 303
Saudubray, J. M., 29
Saudubray, J.-M., 577
Saura, R., 69, 70, 897
Say, B., 97
Scarano, G., 502
Schalm, S. W., 553
Schlessel, J. S., 933
Schliephacke, M., 651
Schneider, M., 651
Schreck, R., 257, 451
Schulman, J. D., 577
Schwartz, M., 149
Schwartz, S., 595
Scimeca, Ph, 406
Scott, S. C., 721
Seaman, C., 851
Sellinger, B. S., 1029
Selman, E., 1166
Sepulveda, W., 1166
Serafin, E., 673
Sérero, S., 79
Shalev, E., 279, 1170
Shalev, H., 996
Sharma, K., 203
Sharpe, P., 813
Shawa, L., 1119
Shimizu, H., 443
Shinagawa, T., 1173
Shneur, Y., 279
Shohat, M., 307
Shoshany, G., 757
Shrimanker, K., 899, 1043
Shulman, L. P., 223, 609
Shyu, M.-K., 993
Siffroi, J. P., 1097
Silver, R. K., 421
Silverberg, G., 599
Simola, K. O. J., 644
Simoni, G., 1185
Simpson, J. L., 223, 609, 1229
Siplovich, L., 1170
Sirchia, M., 1185
Slagel, D. D., 745
Slim, R., 23
Smidt-Jensen, S., 35
Smith, A., 507
Smith, D., 699, 707
Smith, M. F., 475
Smitz, J., 762
Snijders, R. J. M., 543, 1101, 1119
Sodemoto, T., 1173
Soffer, D., 640
Solovyev, G., 513
Sonigo, P., 1151
Soothill, P., 231
Soulié, J., 23
Spaargaren, M. C., 1035
Spathas, D. H., 1049, 1061
Spencer, K., 537, 1094
Spender, K., 97
Spitznagel, E., 1009
Spriggs, A., 663
Steglich, C., 777
Stewart, P. A., 187
Stigter, R. H., 51
Stoll, C., 303, 781
Strain, L., 415, 469
Stranc, L. C., 1253
Stuempflen, I., 807
Stuppia, L., 1174
Sue-Chue-Lam, A., 463
Sumi, T., 479
Sundberg, K., 559
Surin, V., 513
Suzuki, Y., 1043
Suzumori, K., 443, 479

Tabsh, K., 577, 913
Tachdjian, G., 79
Taine, L., 69, 70, 897
Tan, J. A. M. A., 1077
Tan, M., 627
Tanemura, M., 479
Tassis, B., 903
Tay, J. S. H., 1077
Taylor, S., 167
Tchabo, J.-G., 878
Teisner, B., 203
Thangavelu, M., 583
Thies, U., 322
Thilaganathan, B., 239
Thomas, G. H., 921
Thompson, D., 235
Thornton, J. G., 153
Thorp, Jr, J. M., 1090
Thorpe-Beeston, J. G., 677
Thulliez, P., 414
Tibiletti, M. G., 267
Tiessen, R. G., 173
Tobias, M., 640
Tolmie, J. L., 313
Tomiuk, J., 651
Toran, N., 410
Torkkeli, H., 1074
Torricelli, F., 267, 310
Tranebjaerg, L., 149
Traore, W., 897
Trimmer, K. J., 989
Troyano, J., 219
Tsang, T., 61
Tseng, L.-H., 57
Tsuda, H., 1083
Tului, L., 1043
Tumber, M. B., 947

Uehara, S., 637
Ulmer, R., 113
Uzan, S., 633

Vaes-Peters, G. P. M., 181
Vakharlovsky, V., 513
Valerio, D., 413
Van Der Leij, J. N., 1003
Van Der Meulen, J. H. P., 243
Van Diggelen, O. P., 17
Van Elsacker-Niele, A.-M. W., 173
Van Elsacker-Niele, A.-M. W., 181
Van Kreiken, J. H. J. M., 181
Van Lith, J. M. M., 963
Van Roosmalen, J., 173
Van Splunder, I. P., 105
Vandenberghe, K., 770
Vanhook, J., 739
Vaughan, J., 751
Vayuvegula, B., 493
Vendrell, T., 410
Ventriglia, F., 299
Vergnaud, A., 70
Vermeij-Keers, CHR, 173
Vermey-Keers, C., 181
Verschraegen-Spae, M.-R., 649
Vial, Y., 75
Viala, J.-L., 191
Viguie, F., 1097
Ville, Y., 973
Viñals, F., 1166
Visser, G. H. A., 1003
Vizzone, A., 803
Voigt, H.-J., 113
Volpe, J. P. G., 921
Volpini, V., 123, 219
Voznyi, Y. V., 17
Vuillaumier, S., 1176
Vujic, M., 1019

Wald, N. J., 319, 699, 707, 717, 835
Wald, N., 603
Walker, A. P., 493
Walkinshaw, S. A., 663
Wang, H., 868
Wang, X., 851
Ward, R. H. T., 203
Wasfi, D., 414
Waters, E., 595
Watt, H. C., 699
Waye, J. S., 929
Weiland, H. T., 181
Weinblatt, M., 892
Weiner, E., 279
Weissman, A., 888
Wen, Z. Q., 70, 897
Werner, Jr., H., 1151
White, J., 653
Wierzbicki, A. S., 1093
Wilkins, I., 167
Willekes, C., 181
Williamson, R., 745
Wilson, R. D., 787
Wilson, T., 653
Wininger, S. J., 839
Wladimiroff, J. W., 105, 187, 243, 1035
Wolstenholme, J., 345
Wong, H. B., 1077
Woo, S. L. C., 1113
Wulfsberg, E. A., 725

Xiang, Y., 87
Xu, S., 777

Yagami, Y., 479
Yagel, S., 640
Yajima, A., 637
Yanai, N., 279, 1170
Yankowitz, J., 745
Yates, J. R. W., 391
Yau, K.-I. T., 993
Ylikangas, P., 1141
Yokobata, K., 87
Yong, S. L., 787

Zachary, J. M., 35
Zammarchi, E., 959
Zaremba, J., 17
Zaslav, A.-L., 933
Zelante, L., 1096
Zelop, C., 941
Zimmermann, R., 1094
Zinberg, R., 589
Zittoun, J., 29
Zlotogora, J., 145
Zorrilla, F., 766

PRENATAL DIAGNOSIS, VOL. 14: v–viii (1994)

KEY WORD INDEX, VOLUME 14

α and β free sub-units of hCG, 835
Abdominal pregnancy, 1155
Accuracy of short-term cultures, 569
Acetyl CoA, 17
Acetyl-cholinesterase, 615
Affected pregnancy outcome, 851
AFP, 913
AFP+, 1155
Agenesis of corpus callosum, 640
Aldosterone, 996
Alkaline phosphatase, 1141
Allelic polymorphism, 513
Alpha-fetoprotein, 65, 313, 391, 537, 565, 609, 615, 707, 793, 947, 963
Amiodarone, 762
Ammonia, 213
Amniocentesis, 157, 479, 553, 689, 729, 787, 803, 859, 878, 933, 1055
Amniocentesis rate, 199
Amniocentesis, early and standard, 913
Amniocytes, 310, 868
Amniotic cells, 29
Amniotic fluid, 109, 475, 497, 973
Amniotic fluid culture, 1009
Anencephaly, 410
Aneuploidy, 1203
Aneuploidy detection, 1049
Antenatal, 1243
Antenatal diagnosis, 615
Antenatal sonography, 623
Antiphospholipid antibody, 873
ARMS, 1077
Ascertainment, 729
ASO, 1077
Atrial isomerism, 299
Autosomal dominant inheritance, 167
Autosomal trisomy, 663

B lymphocytes, 493
Bartter syndrome, 996
Beta-human chorionic gonadotropin (βhCG), 793
Bilateral cleft lip and palate, 173
Birth defects, 781
Bloom's syndrome, 1071
Body stalk abnormality, 669
Breathing movements, 1074

Canada, 1253
Cardiac blood flow, 627
Cardiac malformation, 559
Cardiac output, 627
Cardiotocography, 1074
Carrier detection, 123
Carrier screening, 1243
Cat eye syndrome, 1029
Catheter, 821
CD71, 1129
Cephalocele, 839
Chorionic villi, 17, 29, 310, 1163
Chorionic villus biopsy, 345
Chorionic villus sampling, 51, 87, 267, 279, 327, 333, 363, 451, 479, 553, 569, 689, 793, 799, 813, 913, 1071, 1107
Choroid plexus cysts, 663
Choroid plexus papilloma, 865
Chromatin bodies, 868
Chromosomal abnormalities, 79
Chromosomal abnormality, 463
Chromosomal anomalies, 337
Chromosomal mosaicism, 257, 1009
Chromosome 22, 1029
Chromosome aberrations, 113
Chromosome abnormality, 729
Chromosome breakage, 1071
Chromosome deletion, 410
Chromosome enumeration, 87
Chromosome minutes, 868
Chromosome 8q -, 640
Chromosome X, 410
Cocaine abuse, 669
Cockayne syndrome, 921
COL2A1, 145
Colony method, 113
Computerized tomography, 653
Confined placental mosaicism, 345, 589, 751
Congenital anomalies, 507, 888
Congenital birth defects, 157
Congenital cystic adenomatoid malformation of the lung, 637
Congenital diaphragmatic defect, 673
Congenital heart block, 1003
Congenital heart defects, 770
Congenital human cytomegalovirus infection, 903
Congenital leukaemia, 721
Congenital limb defects, 781
Congenital malformation, 421
Congenital malformations, 781
Congenital nephrosis, 599
Congenital toxoplasmosis, 191
Constitutional trisomy, 303
Cordocentesis, 191, 239, 303, 559, 1101
β-core, 953
Corpus callosum agenesis, 644
Cost-effectiveness, 527
Couples, 1243
Costs and benefits, 699
CVS, 35, 421, 497, 1163
CVS complications, 1107
Cystic adenomatoid malformation, 677
Cystic fibrosis, 149, 981, 993, 1158, 1243
Cystic hygroma, 223
Cytidine, 213
Cytidine deaminase, 213
Cytogenetic aberration, 497
Cytogenetics, 79, 363
Cytomegalovirus, 1055
Cytomegalovirus infection, 523
Decision analysis, 243
Detection rate, 807
DiGeorge anomaly, 770
Digestive enzymes, 973
Digestive tract obstruction, 973
Direct preparation, 267
Direct preparations, 1163
Discrepant karyotype, 310
Diurnal variation, 947
DNA 'fingerprinting', 307
DNA probes, 285
DNA repair, 921
Doppler, 865
Double minutes, 868
Down syndrome, 65, 97, 199, 203, 429, 527, 609, 633, 721, 1043
Down syndrome screening, 227
Down's syndrome, 87, 319, 387, 391, 537, 603, 707, 717, 835, 953, 963, 1141
Down's syndrome screening, 699
D1S80, 1129
Duchenne muscular dystrophy, 51, 123, 235

Early amniocentesis, 209, 279, 497, 559
Efficiency, 807
Electron microscopic DOPA reaction test, 443
Encephalocele, 839
Enzyme dissociation, 1163
Europe, 337
Extra structurally abnormal chromosomes, 1019
Extralobar pulmonary sequestration, 653

F508 mutation, 149
Family history, 989
Femur length, 429
Femur–fibula–ulna complex, 502
Fetal abnormality, 463
Fetal aneuploidy, 981
Fetal anomalies, 381, 745, 941
Fetal anomaly, 105

Fetal ascites, 941
Fetal blood, 239, 907
Fetal blood sampling, 469
Fetal cells, 1203, 1229
Fetal cerebral ventriculitis, 523
Fetal choroid plexus cysts, 1119
Fetal chromosomal disorder, 963
Fetal diaphragmatic hernia, 187
Fetal disease, 303
Fetal ear sizes, 739
Fetal echocardiography, 299, 559
Fetal hypothyroidism, 762
Fetal immunology, 239
Fetal infection, 191
Fetal karyotype, 13, 105, 1119
Fetal kidney malformations, 291
Fetal limb abnormalities, 1107
Fetal loss rate, 157
Fetal lung biopsy, 637
Fetal malformations, 689
Fetal skin biopsy, 443
Fetal sonography, 291
Fetal therapy, 1003
Fetal tissue, 310
Fetal tissue biopsy, 637
Fetal trisomies, 543
Fetal ultrasound screening, 406
Fetal umbilical blood flow, 1107
Fetal urine production, 1083
Feto-amniotic shunting, 821
Feto-maternal haemorrhage, 35
Fetus, 313, 751, 941, 1035, 1055
Fibroblasts, 29
Filter technique, 559
Fine needle aspiration biopsy, 653
First trimester, 223
First trimester of pregnancy, 543
First-trimester pregnancies, 799
First-trimester screening, 963
FISH, 23, 1229
Flow cytometry, 1141
Fluorescence, 1203
Fluorescence *in situ* hybridization, 1019, 1029, 1049
Focal nodular hyperplasia of the liver, 406
Foramina parietalia permagna, 766
Fragile X, 469
Frameshift mutation, 929
Free α-hCG, 707, 717
Free β-hCG, 707
Free β-human chorionic gonadotrophin, 319
Free beta hCG, 97, 537
Fryns' syndrome, 673

Gamma-glutamyl-transpeptidase, 973
Gastric outlet obstruction, 888
Gene therapy, 1158
Genetic counselling, 257, 327, 559, 729
Genetic disease, 577
Genetic syndrome, 167
Genomic sequencing, 1077
Gestational age, 851
GFAP immunofluorescence, 615
Glucosaminide *N*-acetyltransferase, 17
Glutaryl-CoA dehydrogenase deficiency, 333
Glutathione synthase deficiency, 475
Gorlin syndrome, 725
Growth retardaton, 751

Haemangioma, 989
Haemoglobin Bart's disease, 627
Haemoglobinopathies, 659
Haemophilia, 513
Haplotype analysis, 999
hCG, 1043
Hepatitis B, 553
Hereditary multiple intestinal atresia, 61
Heterotaxy, 299
High-gradient magnetic cell separation, 1129
Hirschsprung's disease, 1170
HLA-DQ-A1, 1129
Homocystinemia, 29
Homocystinuria, 29
Human chorionic gonadotrophin, 391, 403, 565, 633, 953
Human chorionic gonadotrophin (hCG), 203
Human chorionic gonadotropin, 65, 947
Human parvovirus B19, 455
Humerus length, 429
Hunter syndrome, 777
Hydrops fetalis, 181, 403, 873
Hyperechogenic fetal bowel, 981
Hypoechogenic kidneys, 291
Hypomethioninemia, 29
Hyposphadias, 1166
Hypotonia, 1074

Ichthyosis, 577
Immunosuppressive therapy, 1003
In situ hybridization, 79, 87, 109, 583, 1203
In utero muscle biopsy, 235
Indication-based, 807
Inequities in health care, 859
Infants, 933
Influence on uptake, 1158
Inhibin, 387
Insulin-dependent diabetes, 65
Insulin-dependent diabetes mellitus, 835
Interphase, 79
Interphase cells, 1203
Interphase cytogenetics, 1203
Intestinal alkaline phosphatase, 973
Intra-abdominal, 653
Intranuclear bodies, 173
Intrauterine, 173
Intrauterine drainage, 821
Intrauterine growth retardation, 589, 1101
Intrauterine infection, 553
Intrauterine intervention, 993
inv dup(15), 1019
Isodicentric chromosome 14, 507
Isolated cystic hygroma, 757
IUGR, 345

Karyotype, 479, 487, 1035
Karyotype abnormality, 689
Klinefelter syndrome, 777
Klippel–Trénaunay–Weber syndrome, 745, 989

Late pregnancy scan, 177
Level 3 centres, 821
Limb defects, 327, 799
Limb reduction, 421
Limb reduction defects, 781
Linkage, 145
Liver calcifications, 303
Long-term culture, 267
Long-term cultures, 1163
Lung tumour, 677
Lymphocyte subsets, 239
Lymphocytes, 29

Macrocephaly, 725
MACS, 1129
Magnetic resonance imaging, 1151
Manifesting heteroxygotes, 435
Marker chromosome, 583
Maternal age, 199, 543, 859, 1119
Maternal blood, 1229
Maternal screening, 1155
Maternal serum, 387, 565
Maternal serum alpha-fetoprotein, 455
Maternal serum alpha-fetoprotein (MSAFP), 1086
Maternal serum screening, 391, 609, 633, 707, 717, 835, 963
Meckel–Gruber syndrome, 141, 839
Meconium peritonitis, recurrent, 993
Mediastinal teratoma, 884
Mental retardation, 577
Metabolic disorder, 479
Methylenetetrahydrofolate reductase, 29
Methyltetrahydrofolate, 29
Microdissection, 583
Microsatellite markers, 999
Microsatellites, 123, 219, 459
Minisatellite, 959
Miscarriage, 793
Monoclonal antibodies, 131
Mosaic chromosome 14 duplication, 507
Mosaic triple trisomy, 163
Mosaicism, 267, 363, 451, 787, 878, 933
MS-AFP screening, 644
MSAFP, 35, 1155
Mucopolysaccharidosis, 777
Mucopolysaccharidosis type III C, 17
Multicolour fluorescence *in situ* hybridization, 1061

Multiple intestinal atresia, 61
Multiple markers, 603
Mummified umbilical cord, 219
Mutation analysis, 435
Mutation detection, 777
Mutation identification, 513

Naevoid basal cell carcinoma, 725
Nasolacrimal duct cyst, 623
Neonate, 553
Neural tube defect, 609
Neural tube defects, 615
Non-immune hydrops fetalis, 884
Non-lethal fetal renal abnormalities, 177
Nuchal oedema, 463
Nucleotide sequencing, 929

Obstructive bowel disease, 1035
Oculocutaneous albinism, 443
Oesophageal atresia, 1086
Oestriol–maternal blood, 227
Oligohydramnios, 1083
Omphalocele, 487
Overgrowth, 313, 989
5-oxoproline, 475

Pallister-Killian syndrome, 787
PAPP-A, 1043
Partial monosomy 8q, 640
Parvovirus B19, 173, 181
PCR, 109, 469
PCR analysis, 459
Percutaneous umbilical blood sampling, 907
Perinatal death, 13
Peroxisomal β-oxidation, 813
Phenotypic abnormalities, 933
Phenylalanine hydroxylase deficiency, 959
Phenylalanine hydroxylase gene, 1113
Phenylketonuria, 1113
Pigmentary changes, 878
Pipette method, 113
Placental enzyme, 213
Policy, 337
Polycystic kidney disease, 1083
Polyhydramnios, 187, 313, 888, 996, 1035
Polymerase chain reaction, 851
Post-mortem study, 507
Potter syndrome, 291
Pregnancy, 907
Pregnancy outcome, 345
Pregnancy-associated plasma protein A (PAPP-A), 203
Premutation, 469
Prenatal carrier screening, 1158
Prenatal cytogenetic diagnosis, 337
Prenatal diagnosis, 17, 23, 57, 61, 79, 109, 113, 145, 167, 187, 191, 209, 223, 227, 235, 243, 267, 303, 307, 333, 363, 381, 443, 475, 479, 502, 513, 553, 569, 577, 599, 653, 659, 669, 677, 721, 725, 729, 745, 757, 766, 777, 781, 787, 803, 813, 839, 865, 868, 878, 888, 903, 929, 959, 973, 996, 1009, 1029, 1055, 1077, 1090, 1151, 1166, 1170, 1203, 1253
Prenatal genetic diagnosis, 1229
Prenatal paternity testing, 1129
Prenatal screening, 131, 403, 455, 537, 953, 1141
Prenatal ultrasound diagnosis, 770
Primer extension preamplification, 1129
Probe ratio mixing, 1061
PROM, 803
Pseudomosaicism, 497
Psychosocial, 1243
PUBS, 493
Pulmonary disease, 209
Pyloric atresia, 888
Pyroglutamic acid, 475
Pyruvate dehydrogenase, 435

Racial differences, 633
Rapid karyotyping, 113
Renal agenesis, 291, 1090
Renal vein thrombosis, 873
Repeat testing, 603
Restriction fragment length polymorphism, 1113
RFLP diagnosis, 493
Rhizomelic chrondrodysplasia punctata, 770
RP2, 285
RP3, 285

Sanfilippo disease type C, 17
Screening, 97, 203, 319, 429, 527, 603, 807
Second-trimester echogenic small bowel, 845
Second-trimester oligohydramnios, 565
Selective termination, 149
Serum screening, 199, 751
Sex-linked diseases, 51
Short tandem repeat, 1113
Short tandem repeat polymorphisms, 123
Sickle cell, 851
Simpson–Golabi–Behmel syndrome, 313
Single minutes, 868
Single umbilical artery, 13
Sister chromatid exchange, 1071
Small-for-gestational age fetuses, 105
Social preferences, 859
Sonographic presentation, 1170
Southern blotting, 469
Specific IgA, 191
Spinal muscular atrophy, 219, 459
Spinal muscular atrophy (SMA), 1074
Splenomegaly, 721
Spontaneous abortion, 589, 803
SSA antibodies, 1003
Steroid sulphatase deficicency, 227
Stickler syndrome, 145
Stuck twin phenomenon, 1090
Supraventricular tachycardia, 762

Teratogens, 669
β-Thalassaemia, 929, 1077
Tibial hemimelia syndrome, 167
Tracheo-oesophageal fistula, 1086
Transabdominal chorionic villus sampling, 157
Transvaginal ultrasound, 279
Transverse cerebellar diameter, 1101
Tricho-rhino-phalangeal syndrome, 640
Trisomy 8, 451, 1229
Trisomy 10, 463
Trisomy 12, 878
Trisomy 16, 257, 933
Trisomy 18, 239, 1119
Trisomy 20, 163
Trisomy 21, 739, 1049, 1061
Trisomy 15 mosaicism, 559
Trophoblasts, 131
Tuberous sclerosis, 1151
Tumour-associated antigens, 907
Twin gestation, 1090
Twin pregnancies, 319
Twin pregnancy, 243, 717
Twins, 51, 149, 307, 537

Ultrasonographic prenatal diagnosis, 673
Ultrasonography, 429, 502, 669, 677, 888, 1166
Ultrasound, 57, 167, 177, 487, 637, 653, 689, 745, 757, 807, 941, 973
Ultrasound diagnosis, 173, 523
Ultraviolet sensitivity, 921
Umbilical artery velocity waveforms, 799
Unbalanced translocations, 181
Unconjugated oestriol, 65, 391, 565, 699, 707, 947
Uncultured amniocytes, 79
Uncultured amniotic fluid cells, 1049, 1061
Uniparental disomy, 257, 751
Unstable DNA, 469
Urinalysis, 953
Uteroplacental insufficiency, 1101

Variable number of tandem repeats, 1113
Ventriculomegaly, 725
Walker–Warburg syndrome, 839
Werdnig–Hoffmann, 219
Wilson disease, 999

Wolf-Hirschhorn (4p-) syndrome, 1166

X-linked agammaglobulinaemia, 493
X-linked disease, 435
X-linked hydrocephalus, 57
X-linked inheritance, 313
X-linked retinitis pigmentosa, 285
45,X/46,X,+mar mosaicism, 23
Xeroderma pigmentosum, 921
Xq21.3–Xq22, 493
48,XXYY syndrome, 644

Yp isochromosome, 23

Zygosity, 307